1. Originator Jim Mather	2. Log Date: 11/30/98	3. CCR #: 98-1230	4. Rev: —	5. Tel: 301-9250435	6. Off: 2107a	7. Org. sed

8. Title of Change: Technical Directive - Disk Partition Interrogation Scripts

9. Originator Signature *James R Mather*	10. Date: 11/25/98	11. Class II	12. Type: CCR	13. Need Date: 11/30/98		
14. Office Manager Signature *Sandy Ballinge*	15. Date: 11/25/98	16. Date CCB Decision Needed: 11/30/98	17. Category of Change: Other	18. Priority: Routine		

19. Documentation/Drawings Impacted: none	20. Schedule Impact: none	21. CI(s) Affected:none if COTS baseline is up to date, must have EXPECT configured on all machines under ECS baseline control

22. Release Affected: na	23. Date due to Customer: 11/30/98	24. Impl. Date: 11/30/98	25. Effectivity of Change: immed	26. Est. Cost None

27. Source Reference: ☐ NCR (attach) ☐ Action Item ☐ GSFC CCR ☐ Tech Ref. ☐ Other:

28. Description of Change: (use additional Sheets if necessary)
In lieu of having root access, Systems Engineering will create scripts to perform the root level auditing and provide these scripts to the DAAC system administrators. These scripts will be run on all machines that require disk configuration management. These scripts will be run on SGI, HP, and SUN platforms and require EXPECT to be properly configured on these machines. Currently, only the SGI's have EXPECT properly configured. The DAAC's must ensure that EXPECT can run on the machines under ECS baseline control .

29. Proposed Solution: (use additional sheets if necessary)
The DAAC's will have EXPECT properly configured on the machines under ECS baseline control. Systems Engineering will notify and deliver the scripts to the DAAC's. The DAAC's will validate then execute these scripts on a mutually agreed upon schedule.

30. Alternate Solution: (use additional sheets if necessary)
Provide Systems Engineering / Cm ROOT(sudo) access.

31. Consequences if Change(s) are not approved: (use additional sheets if necessary)
System Engineering cannot manage current and plan for future Disk Space requirements.

32. Does Change Affect Any of the following (Please Explain on additional sheet):
☐Maintenance Training ☐Performance ☐Operation Training ☐Safety ☐Service ☐Support ☐Test
☐Baseline (XRP) ☐Y2K Compliance

33. Organization(s) Affected:	☐CM	☐Clearcase SG	☐Contracts	☒Chief Eng	☐FOS	☒M&O
	☐QO	☐Rel Dev	☐Procurement	☐RTSC	☐Sci. Data Eng	☐Security
	☐Sys. Dev.	☒Sys. Eng.	☐Sys Verf Acpt	☐Other		

34. Site(s) Affected: ☒EDF ☒Mini-DAAC ☒VATC ☒EDC ☒GSFC ☒LaRC ☒NSIDC ☒SMC ☐AK ☐JPL
☐EOC ☐Other

35. Board Comments:	36. Work Assigned To:

37. Release Authorized (For CM Use Only): ☐Yes ☐ No	38. CM Verified/Signature and Date	
39. EDF/REL2 CCB Chair (Sign/Date): *Mac McDonell* 12/2/98	40. Disposition: ☒App ☐Ap/C ☐DisApproved ☐Withdraw ☐Fwd/ECS ☐Fwd/ESDIS	41. ESDIS ERB Concurrence:
42. ECS CCB Chair (Sign/Date):	43. Disposition: App ☐ A/C ☐ DisApproved☐ Withdraw☐	44. CCR Closed Date:

ORIGINAL

Raytheon
Systems   **ECS Project**

Engineering Technical Directive   98 -007

Subject: Disk Partition Configuration Management   12/21/98

The following directive is issued to all DAACS and labs (VATC, Mini DAAC).

Issue:

Maintaining control over disk space utilization at the DAAC's. Without root/sudo access to the deployed systems, system engineering cannot manage current and plan for future disk space requirements. The DAAC's have a policy, which is; not to grant root privileges to outside entities. Root access is necessary to execute the various commands, which provide the disk configuration information.

Fix:

In lieu of having root access, Systems Engineering will create scripts to perform the root level auditing and provide these scripts to the DAAC system administrators. These scripts will be run on all machines that require disk configuration management. These scripts will be run on SGI, HP, and SUN platforms and require EXPECT to be properly configured on these machines. Currently, only the SGI's have EXPECT properly configured. The DAAC's must ensure that EXPECT can run on the machines under ECS baseline control .

Testing:

Systems Engineering will validate these scripts on similar machines at EDF before sending them to the DAAC's.

Implementation:

The DAAC's will have EXPECT properly configured on the machines under ECS baseline control. Systems Engineering will notify and deliver the scripts to the DAAC's. The DAAC's will validate then execute these scripts on a mutually agreed upon schedule.

Point of Contact:

Randy Bollinger   ex 301-925-0549

Approved By: J. Guzek
                       Rel2 CCB Chairman

Reference CCR: 98-1230

--------End of Directive-------